

H D P E
P E P E O P L E



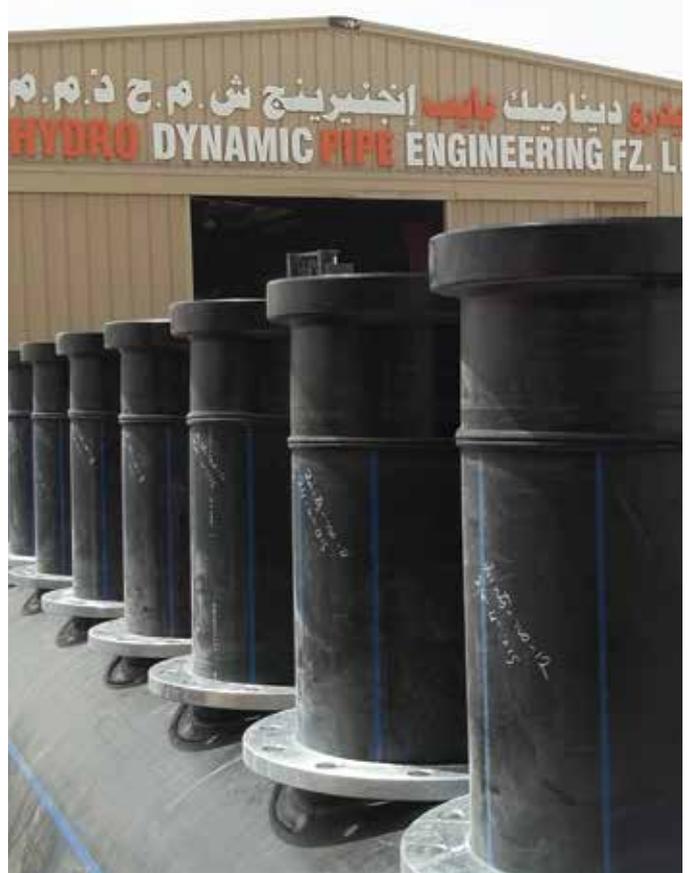
ABOUT US

(HDPE) was established in 2007 and is a member of the Union Group of Companies.

Since inception, the company has gained extensive experience through working with reputable customers across the entire GCC; making us a specialist in manufacturing a range of products.

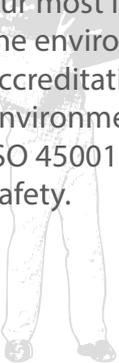
Our continued focus on development led to the company obtaining ISO 9001:2015, ISO 14001:2004 and ISO 45001:2018 accreditation further demonstrating the company's commitment to continuous improvement.

Our factory is equipped with laboratory testing equipment and has implemented administrative processes to ensure that quality is at the heart of our product. In addition to our focus on quality we place significant attention on protecting two of our most important assets; our people and the environment. We have achieved accreditation for ISO standard 14001:2004 Environmental Management System and ISO 45001:2018 Occupational Health and Safety.



Our factory located in the Ras Al Khaimah Free Zone occupies a site of 6780 square metres. Our team of production staff is well trained and capable of delivering products that meet the highest standards. We are consistently reviewing our production techniques to ensure we maintain a high quality end product through the use of only the highest quality raw materials, proper production techniques and a rigorous quality checking process.

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FACTORY FACILITIES

Rotational Molding

We are capable of producing large quantities of quality products with our state of the art Rotational molding machine and In house mold making capabilities. Utilizing high quality raw material our products are manufactured for the harsh conditions of the Gulf region.



Pipe Extrusion

HDPE has capability to produce PE pipes with a variety of pressure ratings. We produce the PE pipes as per ISO 4427, DIN 8074, ISO 8779, ISO 8770 and any other related PE pipe standard



Plastic Fabrication

Hydro Dynamic has years of experience manufacturing fabricated items from PE material for complex and critical projects such as segmented bends, customized fittings, branch welding etc. With state of the art fabrication equipment and an experienced fabrication team, we are able to give our customer the highest quality product.



Steel Fabrication

HDPE has a comprehensive steel fabrication workshop, which has the ability to fabricate custom steel products as per our client's requirements



Laboratory

Within the HDPE facility, we have our very own laboratory and Quality department in which we conduct internal tests to our products to ensure they meet the highest quality standards



Hydro Dynamic Pipe Engineering (HDPE) manufactures a range of products locally in the UAE from its purpose built facility using only the highest quality raw materials. Our products are designed to withstand harsh environments and undergo stringent quality checks prior to delivery ensuring you get the right product for your requirement.



HDPE PIPES

HDPE manufactures a range of polyethylene pipes from 20mm to 400mm complying with a number of internationally recognized standards

SEGMENTED FITTINGS

Our in-house fabrication facility allows us to fabricate segmented polyethylene fittings to suit customer requirements

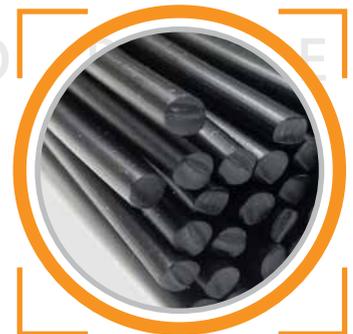


CUSTOM FABRICATION

Given our strong experience with plastic products we are able to custom fabricate or produce complex products working closely with our client to ensure their requirements are met.

PE WELDING RODS

PE Welding rods are available in various colours and can be supplied in rolls in required quantities.



CUSTOMISED FLANGES

We manufacture a large range of backing rings (flanges) and blind flanges based on standards such as DIN 2501, ASME D16.5.2009 (Class 150) and many more

Hydro Dynamic is a manufacturer of Hiweld PE Welding Machines with an ever increasing range of machines aimed at providing our customers with a complete package to address their requirements. Hiweld Welding Machines have been thoroughly tested and perform well in the harsh conditions of the Middle Eastern climate.

Hiweld's range of welding machines include:



BUTT FUSION WELDING

Welding Machines are simple to use, with a rigid and sturdy frame that will withstand the harsh conditions of the Middle East.

ELECTRO FUSION WELDING

Electro Fusion Machines are compact, lightweight and user friendly allowing for simple effective jointing.



GEO MEMBRANE WELDING

Geo-membrane Welding Machines are simple and easy to use machines capable of welding polymer sheets of various PE material.

HOT AIR GUNS

Our range of PE welding machines perfectly complements our PE pipes resulting in high quality joints



HAND EXTRUDERS

Hand extruders are easy to use, extremely durable, light and versatile tools which allow the users to weld and fabricate HDPE material

We are constantly enhancing our capabilities and our Ozplast product range to meet the demands of the construction sector both locally and abroad. Our vision is to become synonymous with quality specialist products serving the construction industry.



DEBRIS CHUTES

Our debris chutes are manufactured from high quality materials and are designed to be installed with ease.



PE TANKS

Ozplast Tank is available in three four and five layer types and can be manufactured in a variety of colors to suit your specific requirement.



ROAD BARRIERS

We manufacture a line of high quality road barriers useful in traffic management and demarcation



PE ELECTRIC DISTRIBUTION BOX

Ozplast PE Electric distribution boxes are manufactured locally In the UAE and made from high quality PE Material.

Triton Marine products have been deployed in extreme conditions throughout the Middle East and have a proven track record of long term performance and quality. Our trusted distributors can help you select a product that is right for you, assist you in the development of a custom solution to your unique challenge and provide you with ongoing support throughout the life of our products.



AIDS TO NAVIGATION

Triton has developed a number of aids to navigation and complementary products each meeting our stringent quality processes and having a demonstrated history of performance.

MARINE DEMARCATION

We manufacture a range of specialized plastic products for use in the marine industry



WORK PONTOONS & BOATS

Our engineers have designed dredgers, pontoons, workboats, marinas, gangways, towers and much more. We can customise in different material such as stainless steel, mild steel, aluminum, Plastics (HDPE LLDPE) and GRP.

DREDGING ACCESSORIES

Triton has developed a number of dredging accessories each meeting our stringent quality processes and having a demonstrated history of performance.



ENVIRONMENTAL PROTECTION

Triton has developed a number of environmental protection products each meeting our stringent quality processes and having a demonstrated history of performance.



Get in Touch



HDPE
PE PEOPLE

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